

WEST[Help](#)[Logout](#)[Interrupt](#)[Main Menu](#)[Search Form](#)[Posting Counts](#)[Show S Numbers](#)[Edit S Numbers](#)[Preferences](#)[Cases](#)**Search Results -**

Terms	Documents
L15 and document	42

Database:

US Patents Full-Text Database
US Pre-Grant Publication Full-Text Database
JPO Abstracts Database
EPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search:

L16

[Refine Search](#)[Recall Text](#)[Clear](#)**Search History****DATE:** Thursday, May 08, 2003 [Printable Copy](#) [Create Case](#)

Set Name Query

side by side

Hit Count Set Name

result set

DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ

<u>L16</u>	L15 and document	42	<u>L16</u>
<u>L15</u>	L14 and classif\$	53	<u>L15</u>
<u>L14</u>	l12 and L13	161	<u>L14</u>
<u>L13</u>	((707/\$)!.CCLS.)	15442	<u>L13</u>
<u>L12</u>	((word\$ or term\$) and database and (lexica\$ or dictionar\$).ab.)	870	<u>L12</u>

DB=USPT; PLUR=YES; OP=ADJ

<u>L11</u>	L1 and collocat\$	0	<u>L11</u>
<u>L10</u>	L1 and categor\$	1	<u>L10</u>
<u>L9</u>	L1 and (tree\$ or hierarch\$)	0	<u>L9</u>
<u>L8</u>	L1 and differen\$	1	<u>L8</u>
<u>L7</u>	L1 and display\$	1	<u>L7</u>
<u>L6</u>	l1 and instruct\$	0	<u>L6</u>
<u>L5</u>	l1 and instruction\$	0	<u>L5</u>
<u>L4</u>	l1 and predetermin\$	1	<u>L4</u>
<u>L3</u>	l1 and (weight\$ or scor\$)	1	<u>L3</u>
<u>L2</u>	l1 and (compar\$ or match\$)	1	<u>L2</u>
<u>L1</u>	5873056.pn.	1	<u>L1</u>

END OF SEARCH HISTORY

WEST

[Generate Collection](#)[Print](#)

Search Results - Record(s) 1 through 20 of 42 returned.

☐ 1. Document ID: US 20030050908 A1

L16: Entry 1 of 42

File: PGPB

Mar 13, 2003

PGPUB-DOCUMENT-NUMBER: 20030050908
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030050908 A1

TITLE: Method for automatically finding frequently asked questions in a helpdesk data set

PUBLICATION-DATE: March 13, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Kreulen, Jeffrey Thomas	San Jose	CA	US	
Lessler, Justin Thomas	San Jose	CA	US	
Sanchez, Michael Ponce	Tustin	CA	US	
Spangler, William Scott	San Martin	CA	US	

US-CL-CURRENT: 707/1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. Desc	Image
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☐ 2. Document ID: US 20020178155 A1

L16: Entry 2 of 42

File: PGPB

Nov 28, 2002

PGPUB-DOCUMENT-NUMBER: 20020178155
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020178155 A1

TITLE: Data analyzer apparatus and data analytical method

PUBLICATION-DATE: November 28, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Sakurai, Shigeaki	Tokyo		JP	

US-CL-CURRENT: 707/3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC	Draw. Desc	Image
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☐ 3. Document ID: US 20020169783 A1

L16: Entry 3 of 42

File: PGPB

Nov 14, 2002

PGPUB-DOCUMENT-NUMBER: 20020169783
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020169783 A1

TITLE: Method and apparatus for discovering knowledge gaps between problems and solutions in text databases

PUBLICATION-DATE: November 14, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Kreulen, Jeffrey Thomas	San Jose	CA	US	
Lamb, Michael A.	New Paltz	NY	US	
Spangler, William Scott	San Martin	CA	US	

US-CL-CURRENT: 707/102

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RMIC	Draw Desc	Image
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☐ 4. Document ID: US 20020161752 A1

L16: Entry 4 of 42

File: PGPB

Oct 31, 2002

PGPUB-DOCUMENT-NUMBER: 20020161752
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020161752 A1

TITLE: Apparatus for and method of searching

PUBLICATION-DATE: October 31, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Hutchison, William J.	Bath		GB	

US-CL-CURRENT: 707/3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RMIC	Draw Desc	Image
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☐ 5. Document ID: US 20020152219 A1

L16: Entry 5 of 42

File: PGPB

Oct 17, 2002

PGPUB-DOCUMENT-NUMBER: 20020152219
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020152219 A1

TITLE: Data interexchange protocol

PUBLICATION-DATE: October 17, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Singh, Monmohan L.	Phoenix	AZ	US	

US-CL-CURRENT: 707/101

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 6. Document ID: US 20020143739 A1

L16: Entry 6 of 42

File: PGPB

Oct 3, 2002

PGPUB-DOCUMENT-NUMBER: 20020143739

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020143739 A1

TITLE: Computer program product, method, and system of document analysis

PUBLICATION-DATE: October 3, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Makino, Kyoko	Yokohama-shi		JP	
Iwata, Seiji	Hachioji-shi		JP	
Kameda, Kayoko	Kawasaki-shi		JP	
Kawasaki, Naomaru	Yokohama-shi		JP	

US-CL-CURRENT: 707/1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 7. Document ID: US 20020042790 A1

L16: Entry 7 of 42

File: PGPB

Apr 11, 2002

PGPUB-DOCUMENT-NUMBER: 20020042790

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020042790 A1

TITLE: Text information browsing aid apparatus, digital content creation system, digital content distribution system, and storage medium

PUBLICATION-DATE: April 11, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Nagahara, Atsushi	Chino-shi		JP	

US-CL-CURRENT: 707/4; 704/2, 707/5, 715/517, 715/530

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 8. Document ID: US 20020022955 A1

L16: Entry 8 of 42

File: PGPB

Feb 21, 2002

PGPUB-DOCUMENT-NUMBER: 20020022955

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020022955 A1

TITLE: Synonym extension of search queries with validation

PUBLICATION-DATE: February 21, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Troyanova, Galina	Minsk	MA	BY	
Bondarenko, Andrei	Arlington	MA	US	
Bialiauski, Yaraslau	Malden		US	
Zhygalka, Igar	Minsk		BY	

US-CL-CURRENT: 704/9; 707/4, 715/531

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 9. Document ID: US 6519586 B2

L16: Entry 9 of 42

File: USPT

Feb 11, 2003

US-PAT-NO: 6519586

DOCUMENT-IDENTIFIER: US 6519586 B2

TITLE: Method and apparatus for automatic construction of faceted terminological feedback for document retrieval

DATE-ISSUED: February 11, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Anick; Peter	Marlboro	MA		
Tipirneni; Suresh	Waltham	MA		

US-CL-CURRENT: 707/3; 704/9, 707/4, 707/5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 10. Document ID: US 6493713 B1

L16: Entry 10 of 42

File: USPT

Dec 10, 2002

US-PAT-NO: 6493713

DOCUMENT-IDENTIFIER: US 6493713 B1

TITLE: Dictionary and index creating system and document retrieval system

DATE-ISSUED: December 10, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kanno; Yuji	Yokohama			JP

US-CL-CURRENT: 707/6; 715/532

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 11. Document ID: US 6493705 B1

L16: Entry 11 of 42

File: USPT

Dec 10, 2002

US-PAT-NO: 6493705

DOCUMENT-IDENTIFIER: US 6493705 B1

TITLE: Information search apparatus and method, and computer readable memory

DATE-ISSUED: December 10, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kobayashi; Yuji	Kawasaki			JP
Takata; Tomomi	Yokohama			JP

US-CL-CURRENT: 707/3; 707/10, 707/104.1, 715/513

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KMC	Draw Desc	Image
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☐ 12. Document ID: US 6490548 B1

L16: Entry 12 of 42

File: USPT

Dec 3, 2002

US-PAT-NO: 6490548

DOCUMENT-IDENTIFIER: US 6490548 B1

TITLE: Multilingual electronic transfer dictionary containing topical codes and method of use

DATE-ISSUED: December 3, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Engel; Alan	Rosemont	PA		

US-CL-CURRENT: 704/10; 707/100

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KMC	Draw Desc	Image
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☐ 13. Document ID: US 6460034 B1

L16: Entry 13 of 42

File: USPT

Oct 1, 2002

US-PAT-NO: 6460034

DOCUMENT-IDENTIFIER: US 6460034 B1

TITLE: Document knowledge base research and retrieval system

DATE-ISSUED: October 1, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wical; Kelly	San Carlos	CA		

US-CL-CURRENT: 707/5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 14. Document ID: US 6459809 B1

L16: Entry 14 of 42

File: USPT

Oct 1, 2002

US-PAT-NO: 6459809

DOCUMENT-IDENTIFIER: US 6459809 B1

TITLE: Searching and filtering content streams using contour transformations

DATE-ISSUED: October 1, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Jensen; Del	Orem	UT		
Carter; Stephen R.	Spanish Fork	UT		

US-CL-CURRENT: 382/203; 358/403, 382/199, 382/200, 382/206, 382/209, 382/224, 382/242, 382/305, 707/3, 707/6

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 15. Document ID: US 6434561 B1

L16: Entry 15 of 42

File: USPT

Aug 13, 2002

US-PAT-NO: 6434561

DOCUMENT-IDENTIFIER: US 6434561 B1

TITLE: Method and system for accessing electronic resources via machine-readable data on intelligent documents

DATE-ISSUED: August 13, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Durst, Jr.; Robert T.	Fort Myers	FL		
Hunter; Kevin D.	Fort Myers	FL		

US-CL-CURRENT: 707/10; 707/1, 707/2, 707/6, 707/9

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 16. Document ID: US 6424971 B1

L16: Entry 16 of 42

File: USPT

Jul 23, 2002

US-PAT-NO: 6424971

DOCUMENT-IDENTIFIER: US 6424971 B1

TITLE: System and method for interactive classification and analysis of data

DATE-ISSUED: July 23, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kreulen; Jeffrey Thomas	San Jose	CA		
Modha; Dharmendra Shantilal	San Jose	CA		
Spangler; William Scott	San Martin	CA		
Strong, Jr.; Hovey Raymond	San Jose	CA		

US-CL-CURRENT: 707/7; 707/101, 707/4, 707/6

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 17. Document ID: US 6415295 B1

L16: Entry 17 of 42

File: USPT

Jul 2, 2002

US-PAT-NO: 6415295

DOCUMENT-IDENTIFIER: US 6415295 B1

TITLE: Storing personal medical information

DATE-ISSUED: July 2, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Feinberg; Lawrence E.	Galveston	TX	77551	

US-CL-CURRENT: 707/104.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 18. Document ID: US 6397215 B1

L16: Entry 18 of 42

File: USPT

May 28, 2002

US-PAT-NO: 6397215

DOCUMENT-IDENTIFIER: US 6397215 B1

TITLE: Method and system for automatic comparison of text classifications

DATE-ISSUED: May 28, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kreulen; Jeffrey Thomas	San Jose	CA		
Spangler; William Scott	San Martin	CA		
Strong, Jr.; Hovey Raymond	San Jose	CA		

US-CL-CURRENT: 707/7; 707/6

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 19. Document ID: US 6286000 B1

L16: Entry 19 of 42

File: USPT

Sep 4, 2001

US-PAT-NO: 6286000

DOCUMENT-IDENTIFIER: US 6286000 B1

TITLE: Light weight document matcher

DATE-ISSUED: September 4, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Apte; Chidanand	Chappaqua	NY		
Damerau; Frederick J.	North Salem	NY		
Weiss; Sholom M.	Highland Park	NJ		
White; Brian F.	Yorktown Heights	NY		

US-CL-CURRENT: 707/5; 707/4

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 20. Document ID: US 6278996 B1

L16: Entry 20 of 42

File: USPT

Aug 21, 2001

US-PAT-NO: 6278996

DOCUMENT-IDENTIFIER: US 6278996 B1

**** See image for Certificate of Correction ****

TITLE: System and method for message process and response

DATE-ISSUED: August 21, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Richardson; Keith D.	Palo Alto	CA		
Greif; Jeff	Venice	CA		
Buedel; Doug	Novato	CA		
Aleksandrovsky; Boris	San Rafael	CA		

US-CL-CURRENT: 707/6; 707/5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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[Generate Collection](#)[Print](#)**Terms****Documents**

L15 and document

42

Display Format:

Change Format

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WEST[Generate Collection](#)[Print](#)**Search Results - Record(s) 21 through 40 of 42 returned.**☐ 21. Document ID: US 6189012 B1

L16: Entry 21 of 42

File: USPT

Feb 13, 2001

US-PAT-NO: 6189012

DOCUMENT-IDENTIFIER: US 6189012 B1

TITLE: Apparatus and method for storing, navigating among and adding links between data items

DATE-ISSUED: February 13, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Mital; Vijay	Watford			GB
Maude; Peter	Harrogate			GB

US-CL-CURRENT: 707/103R; 345/804, 345/848, 345/853, 707/100, 707/3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KIMC	Draw Desc	Image
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☐ 22. Document ID: US 6178415 B1

L16: Entry 22 of 42

File: USPT

Jan 23, 2001

US-PAT-NO: 6178415

DOCUMENT-IDENTIFIER: US 6178415 B1

TITLE: Phrase retrieving/selecting method and a computer-readable recording medium with a program making a computer execute each step in the method recorded therein

DATE-ISSUED: January 23, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Amou; Hiroki	Tokushima			JP

US-CL-CURRENT: 707/3; 707/5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KIMC	Draw Desc	Image
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☐ 23. Document ID: US 6175828 B1

L16: Entry 23 of 42

File: USPT

Jan 16, 2001

US-PAT-NO: 6175828

DOCUMENT-IDENTIFIER: US 6175828 B1

TITLE: Retrieval apparatus

DATE-ISSUED: January 16, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kuromusha; Kenichi	Tenri			JP
Keshi; Ikuo	Nara			JP
Ikeuchi; Hiroshi	Tenri			JP

US-CL-CURRENT: 707/3; 707/1, 707/103R

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 24. Document ID: US 6094649 A

L16: Entry 24 of 42

File: USPT

Jul 25, 2000

US-PAT-NO: 6094649

DOCUMENT-IDENTIFIER: US 6094649 A

TITLE: Keyword searches of structured databases

DATE-ISSUED: July 25, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bowen; Stephen J	Sandy	UT		
Brown; Don R	Salt Lake City	UT		

US-CL-CURRENT: 707/3; 707/4, 707/5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 25. Document ID: US 6085187 A

L16: Entry 25 of 42

File: USPT

Jul 4, 2000

US-PAT-NO: 6085187

DOCUMENT-IDENTIFIER: US 6085187 A

TITLE: Method and apparatus for navigating multiple inheritance concept hierarchies

DATE-ISSUED: July 4, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Carter; Gary Lee	Woodbridge	CT		
Fohn; Steffen Michael	Raleigh	NC		
Greef; Arthur Reginald	Seattle	WA		
Hansen; Gregory Christopher	Fort Lee	NJ		

US-CL-CURRENT: 707/3; 707/10, 707/4

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KIMC	Draw Desc	Image
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☐ 26. Document ID: US 6081774 A

L16: Entry 26 of 42

File: USPT

Jun 27, 2000

US-PAT-NO: 6081774

DOCUMENT-IDENTIFIER: US 6081774 A

TITLE: Natural language information retrieval system and method

DATE-ISSUED: June 27, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
de Hita; Carolina Rubio	Antwerpen			BE
Akker; David van den	Antwerpen			BE
Govaers; Erik C. E.	Malle			BE
Platteau; Frank M. J.	Borgerhout			BE
Deun; Kurt Van	Schoten			BE
Macpherson; Melissa	Albuquerque	NM		
de Bie; Peter	Berchem			BE
Laviolette; Sophie	Brussels			BE

US-CL-CURRENT: 704/9; 707/3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KIMC	Draw Desc	Image
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☐ 27. Document ID: US 6038560 A

L16: Entry 27 of 42

File: USPT

Mar 14, 2000

US-PAT-NO: 6038560

DOCUMENT-IDENTIFIER: US 6038560 A

TITLE: Concept knowledge base search and retrieval system

DATE-ISSUED: March 14, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wical; Kelly	San Carlos	CA		

US-CL-CURRENT: 707/5; 706/50

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KIMC	Draw Desc	Image
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☐ 28. Document ID: US 6026388 A

L16: Entry 28 of 42

File: USPT

Feb 15, 2000

US-PAT-NO: 6026388

DOCUMENT-IDENTIFIER: US 6026388 A

TITLE: User interface and other enhancements for natural language information retrieval system and method

DATE-ISSUED: February 15, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Liddy; Elizabeth D.	Syracuse	NY		
Paik; Woojin	Syracuse	NY		
McKenna; Mary E.	Syracuse	NY		
Weiner; Michael L.	Webster	NY		
Yu; Edmund S.	DeWitt	NY		
Diamond; Theodore G.	Mercer Island	WA		
Balakrishnan; Bhaskaran	Syracuse	NY		
Snyder; David L.	Pittsford	NY		

US-CL-CURRENT: 707/1; 704/9, 707/5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KIMC	Draw Desc	Image
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☐ 29. Document ID: US 6003040 A

L16: Entry 29 of 42

File: USPT

Dec 14, 1999

US-PAT-NO: 6003040

DOCUMENT-IDENTIFIER: US 6003040 A

TITLE: Apparatus and method for storing, navigating among and adding links between data items in computer databases

DATE-ISSUED: December 14, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Mital; Vijay	Watford			GB
Maude; Peter	Harrogate			GB

US-CL-CURRENT: 707/103R; 345/764, 345/853, 707/100, 707/101, 707/3, 717/103, 717/116

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KIMC	Draw Desc	Image
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☐ 30. Document ID: US 5983237 A

L16: Entry 30 of 42

File: USPT

Nov 9, 1999

US-PAT-NO: 5983237

DOCUMENT-IDENTIFIER: US 5983237 A

**** See image for Certificate of Correction ****

TITLE: Visual dictionary

DATE-ISSUED: November 9, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Jain; Ramesh	San Diego	CA		
Gupta; Amarnath	Redwood City	CA		
Hampapur; Arun	White Plains	NY		
Horowitz; Bradley	San Mateo	CA		

US-CL-CURRENT: 707/104.1; 345/866, 707/3, 707/7, 715/527

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KMC	Draw Desc	Image
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☐ 31. Document ID: US 5963940 A

L16: Entry 31 of 42

File: USPT

Oct 5, 1999

US-PAT-NO: 5963940

DOCUMENT-IDENTIFIER: US 5963940 A

TITLE: Natural language information retrieval system and method

DATE-ISSUED: October 5, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Liddy; Elizabeth D.	Syracuse	NY		
Paik; Woojin	Syracuse	NY		
McKenna; Mary E.	Syracuse	NY		
Li; Ming	Jersey City	NJ		

US-CL-CURRENT: 707/5; 704/9

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KMC	Draw Desc	Image
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☐ 32. Document ID: US 5953718 A

L16: Entry 32 of 42

File: USPT

Sep 14, 1999

US-PAT-NO: 5953718

DOCUMENT-IDENTIFIER: US 5953718 A

TITLE: Research mode for a knowledge base search and retrieval system

DATE-ISSUED: September 14, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wical; Kelly	Hastings	MN		

US-CL-CURRENT: 707/5; 707/1, 707/101, 707/104.1, 707/2, 707/3, 707/4, 707/6, 707/7

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KMC	Draw Desc	Image
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☐ 33. Document ID: US 5940821 A

L16: Entry 33 of 42

File: USPT

Aug 17, 1999

US-PAT-NO: 5940821

DOCUMENT-IDENTIFIER: US 5940821 A

TITLE: Information presentation in a knowledge base search and retrieval system

DATE-ISSUED: August 17, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wical; Kelly	San Carlos	CA		

US-CL-CURRENT: 707/3; 707/4, 707/5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 34. Document ID: US 5873056 A

L16: Entry 34 of 42

File: USPT

Feb 16, 1999

US-PAT-NO: 5873056

DOCUMENT-IDENTIFIER: US 5873056 A

TITLE: Natural language processing system for semantic vector representation which accounts for lexical ambiguity

DATE-ISSUED: February 16, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Liddy; Elizabeth D.	Syracuse	NY		
Paik; Woojin	Syracuse	NY		
Yu; Edmund Szu-li	Syracuse	NY		

US-CL-CURRENT: 704/9; 707/1, 707/101, 707/3, 715/532

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 35. Document ID: US 5708805 A

L16: Entry 35 of 42

File: USPT

Jan 13, 1998

US-PAT-NO: 5708805

DOCUMENT-IDENTIFIER: US 5708805 A

TITLE: Image retrieving apparatus using natural language

DATE-ISSUED: January 13, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Okamoto; Shusaku	Osaka			JP
Hamada; Masahiro	Osaka			JP

US-CL-CURRENT: 707/3; 707/104.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 36. Document ID: US 5706496 A

L16: Entry 36 of 42

File: USPT

Jan 6, 1998

US-PAT-NO: 5706496

DOCUMENT-IDENTIFIER: US 5706496 A

TITLE: Full-text search apparatus utilizing two-stage index file to achieve high speed and reliability of searching a text which is a continuous sequence of characters

DATE-ISSUED: January 6, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Noguchi; Naohiko	Yokohama			JP
Kanno; Yuji	Tokyo			JP
Kurachi; Kazuaki	Tokyo			JP
Inaba; Mitsuaki	Tokyo			JP

US-CL-CURRENT: 707/3; 707/5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 37. Document ID: US 5684999 A

L16: Entry 37 of 42

File: USPT

Nov 4, 1997

US-PAT-NO: 5684999

DOCUMENT-IDENTIFIER: US 5684999 A

TITLE: Apparatus and a method for retrieving image objects based on correlation with natural language sentence parameters

DATE-ISSUED: November 4, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Okamoto; Shusaku	Hirakata			JP

US-CL-CURRENT: 704/9; 382/305, 707/3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 38. Document ID: US 5675819 A

L16: Entry 38 of 42

File: USPT

Oct 7, 1997

US-PAT-NO: 5675819

DOCUMENT-IDENTIFIER: US 5675819 A

TITLE: Document information retrieval using global word co-occurrence patterns

DATE-ISSUED: October 7, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Schuetze; Hinrich	Stanford	CA		

US-CL-CURRENT: 704/10; 704/9, 707/3, 715/500

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KIMC	Draw Desc	Image
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☐ 39. Document ID: US 5640550 A

L16: Entry 39 of 42

File: USPT

Jun 17, 1997

US-PAT-NO: 5640550

DOCUMENT-IDENTIFIER: US 5640550 A

TITLE: Computer system for generating SQL statements from COBOL code

DATE-ISSUED: June 17, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Coker; Drake	Solana Beach	CA	92075	

US-CL-CURRENT: 707/4; 707/101, 717/114, 717/141

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KIMC	Draw Desc	Image
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☐ 40. Document ID: US 5497319 A

L16: Entry 40 of 42

File: USPT

Mar 5, 1996

US-PAT-NO: 5497319

DOCUMENT-IDENTIFIER: US 5497319 A

TITLE: Machine translation and telecommunications system

DATE-ISSUED: March 5, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chong; Leighton K.	New York	NY		
Kamprath; Christine K.	Austin	TX		

US-CL-CURRENT: 704/2; 704/10, 707/1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KIMC	Draw Desc	Image
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